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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims:

1.   (Currently Amended) ~~In a radio communication system in which~~ Apparatus for facilitating effectuation of code division ~~multiplexed data is communicated~~ multiple access data services between a network part and a first plurality of communication stations including a first station and at least a second station, ~~an improvement of apparatus for facilitating communication of the data upon at least a first shared channel~~ upon selected traffic channels, said apparatus comprising:

a CDM (code division multiplexing) assignment information generator for generating CDM assignment information, the CDM assignment information forming a first multiple assignment information set for use by the first station and at least a second multiple assignment information set for use by ~~communicating with each of the first station and~~ the at least the second station~~, respectively.~~;

a data frame generator adapted to receive the CDM assignment information generated by said CDM assignment information generator, said data frame generator for generating data frames of selected frame lengths that contain the CDM assignment information, the data frames, once generated, for communication upon a common control channel, the common control channel monitored by the communication stations of the first plurality, thereby providing to the communication stations assignment information identifying traffic channels upon which the code division multiple access services are effectuated with respective one of the first and at least second communication stations of the first plurality.

2.-3.   (Cancelled)

4.   (Currently Amended) The apparatus of claim ~~3~~1 wherein the selected frame lengths of the data frames formed by said data frame generator are of fixed lengths.

5.   (Currently Amended) The apparatus of claim ~~3~~1 wherein the selected frame lengths of the data frames formed by said data frame generator are of variable lengths.

6.-9.   (Cancelled)

10.   (Currently Amended) The apparatus of claim 1 wherein the first and at least second ~~mobile~~ communication stations, respectively, register with the ~~radio-communication system~~ network part pursuant to a registration scheme and wherein the CDM assignment information generated by said CDM assignment information generator is generated responsive to effectuation of registration of respective ones of the first and at least second mobile stations.

11.   (Currently Amended) The apparatus of claim 1 wherein the ~~radio-communication system-comprises~~ network part and the first plurality comprise a cellular communication system operable generally pursuant to a CDMA 2000 operating specification providing for 1xEV-DV data communications, wherein the ~~radio~~ cellular communication system is defined in terms of logical layers including a physical layer and at least one higher-level logical level, and wherein said CDM assignment information generator is embodied at the higher-level logical layer

12.   (Currently Amended) The apparatus of claim 11 wherein the CDM assignment information generated by said CDM assignment information generator forms formatted messages formed of message parts, the message parts concatenated together to form the message, individual ones of the message parts associated with individual ones of the first ~~and at least second mobile stations~~ plurality.

13.   (Currently Amended) ~~In a~~ A method ~~of communicating in a radio communication system in which~~ for facilitating effectuation of code division ~~multiplexed~~ multiplied data services ~~is communicated~~ between a network part and a first plurality of communication stations including a first mobile station and at least a second mobile station, upon selected channels ~~an improvement of a method for facilitating communication of the data upon at least a first shared channel~~, said method comprising the operations:

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generating CDM assignment information at the network part, the CDM assignment information forming a first multiple assignment information set <u>for use by the first mobile station</u> and at least a second multiple information assignment set for <u>use by</u> communicating with each of the first mobile station and the at least the second mobile station, respectively; ~~and~~

<u>forming data frames of selected frame lengths that contain the CDM assignment</u> information; and

sending the CDM assignment information generated during said operation of generating to the first and the at least second mobile stations upon ~~the at least the first~~ shared common control channel<u>, the common control channel monitored by the mobile stations of the</u> <u>first plurality, thereby providing to the mobile stations assignment information identifying traffic</u> <u>channels upon which the code division multiple access services are effectuated with respective</u> <u>ones of the first and at least second mobile stations of the first plurality</u>.

14.   (Currently Amended) The method of claim 13 further comprising the preliminary operation of:

registering the first and at least second mobile stations with the ~~radio~~ ~~communication system~~ <u>network part</u> pursuant to a system ~~in~~ protocol, and wherein

said operation of generating is performed responsive to registration performed during said operation of registering.

15.-18. (Cancelled)

19.   (Currently Amended) The method of claim 18 wherein the <u>data frames formed</u> ~~assignment information generated~~ during said operation of <u>forming</u> ~~generating is formatted into a~~ ~~frame and wherein the frame is~~ <u>are</u> of a fixed ~~length~~ <u>lengths</u>.

20.   (Currently Amended) The method of claim 19 wherein the <u>data frames formed</u> ~~assignment information generated~~ during said operation of ~~generating is~~ <u>forming are</u> ~~formatted~~ ~~into a frame and wherein the frame is~~ of a variable ~~length~~ <u>lengths</u>.

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